

Smoke-Proof Steel Door "RS-1 DF"

In accordance with DIN 18095
optionally with glazing, optionally with upper casing



Text example

Compile and tender according to requirements.
Please refer to Technical Data below for respective details.
Updated 01.01.2011

Position	No. of pieces	Item	Unit price €	Total price €
		Smoke-proof steel door "RS-1 DF", tested in accordance with DIN 18095. Single-leaf door element. Type of handling DIN right. Door leaf/Corner frame galvanized and prime coated similar to RAL 9002 (grey white). 52 mm thick, thick rebated on 3-sides. Corner frame 2 mm thick with 3-sided seal and lower bottom threshold for sliding threshold seal in the door leaf. Mortice lock with lever/knob, prepared for profile cylinder (with tumbler insert (Bb) and 1 Bb key). Black plastic round handle set. Handle pivoted on bearing, can be used for profile cylinder and Bb key. Smoke-proof door must be equipped with a profile cylinder. 1 security bolt. 2 two-piece KO hinges. Top door closer in accordance with DIN EN 1154. "Teckentrup" or equivalent.		



Technical data

Building authority approval:

Tested in acc. with DIN 18095

Installation in:

- Walls made of:
- Masonry min. 115 mm
 - Concrete min. 100 mm
 - Autoclaved aerated concrete block or high precision units in acc. DIN 4165 Strength class 4. Wall thickness 175 mm or made of reinforced autoclaved aerated concrete slabs strength class 4. Wall thickness min. 150 mm
 - Lightweight construction stud walls (F 30) min. 100 mm

Approved dimensions:

Width: 625 – 1350 mm
Height: 1750 – 2500 mm

With upper casing:

Up to height of 3000 mm

Handling:

DIN right or DIN left

Door leaf:

Double-skinned, thick rebated on 3 sides
Upper casing rebated on 3 sides or made of frame profiles
Door leaf thickness: 52 mm
Upper casing: 52 mm
Sheet thickness: 1 mm
1 security bolt
Reinforcement: U-shaped and flat steel
Insulation: Mineral fibre boards

Special equipment:
With upper casing
Sheet thickness: 1.5 mm

Frame:

Corner frame 2 mm thick with 3-sided seal and lower contact threshold for sliding threshold seal in the door leaf. 3 wall anchor plugs on each side.

Special equipment:
Block, counter or closed frame
Counter frame always for autoclaved aerated concrete walls

Surface:

Galvanized and prime coated door leaf/frame similar to RAL 9002 (grey white)

Hinges and closing devices:

- 2 two-piece KO hinges with ball bearings

Fittings:

- Mortice lock with lever/knob, prepared for profile cylinder with tumbler insert (Bb) and 1 Bb key
- Black plastic handle set. Handle pivoted on bearing, can be used for profile cylinder and Bb key
(Smoke-proof doors must be equipped with a profile cylinder)
- 1 top door closer DIN EN 1154

Glazing:

Wire glass 7 – 8 mm thick with galvanized and prime coated steel glazing strips.

Max. pane dimensions 1000 x 2100 mm

Round glazing Ø300; Ø400; Ø500

Special equipment: Steel glass-holding strips with additional aluminium cover strips, round glazing

Stainless steel glass-holding strips

Laminated safety glass	6 or 8 mm
Wire plate glass	6 - 7 mm
Steel cord laminated safety glass	6 mm
Single-pane safety glass	6 or 8 mm
Pyran glass	6.5 mm

Special equipment:

- Handle sets / Lever/Knob sets:
 - Plastic
 - Light metal
 - Stainless steel
 - With short plate or rose escutcheon
- (various makes)
- Prepared for rose escutcheon
- Locks:
 - Profile cylinder 40.5 + 30.5 mm
 - Panic locks
 - Block lock (must be provided/also available)
- Panic bar handle
- Top door closer DIN EN 1154
 - head assembly
 - with slide rail
 - with locking device
 - with smoke detector
 - integrated door closer ITS 96
- Electric door opener
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
- Revolving door drives
- Hold-open devices
- Retractable bottom seal

Standard sizes:

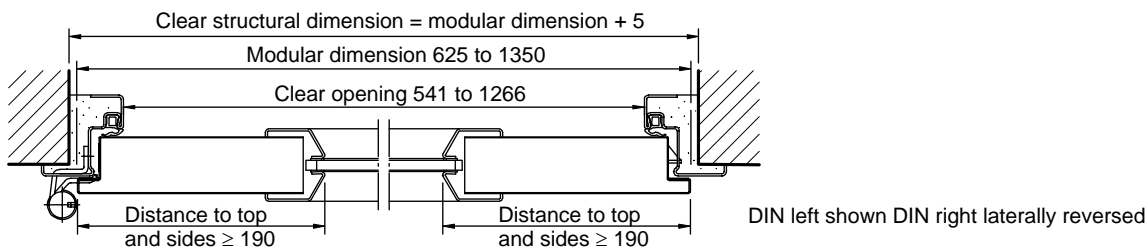
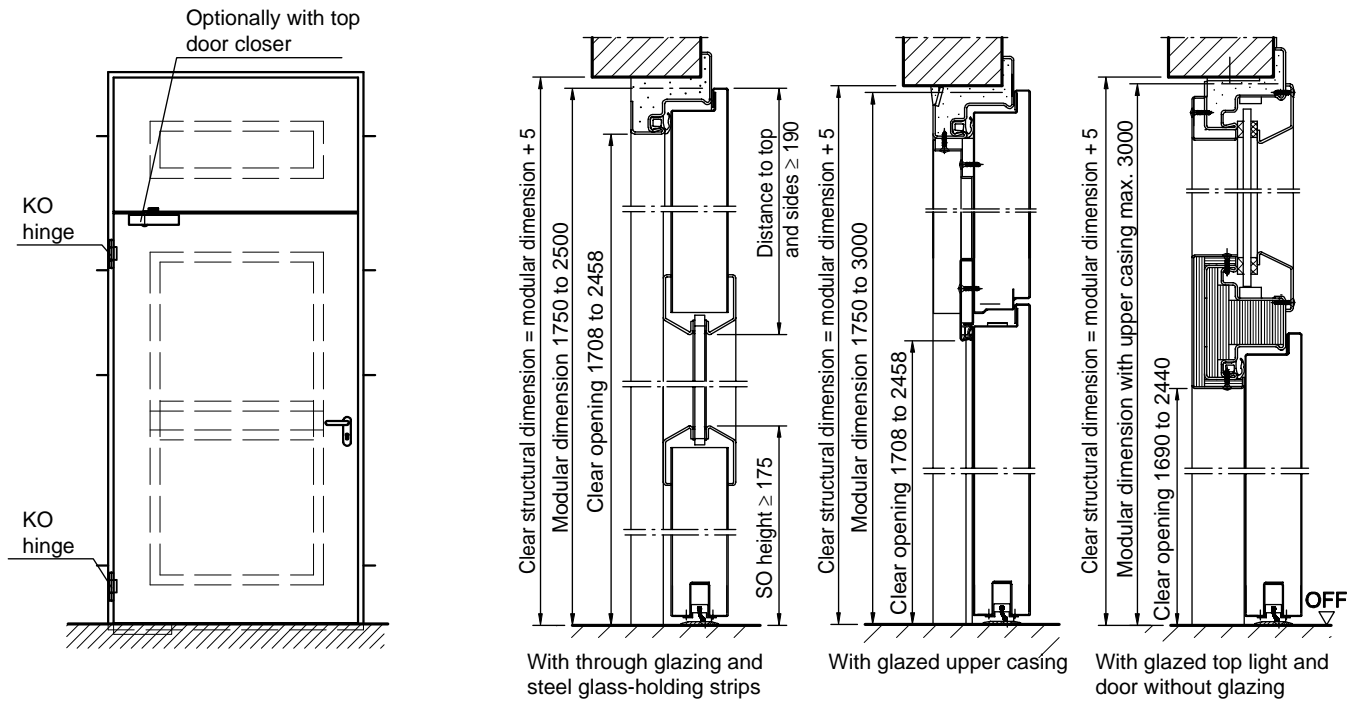
Ordering dimensions/ Modular dimensions width x height	Clear opening dimensions width x height
750 x 2000	666 x 1958
875 x 1875	791 x 1833
875 x 2000	791 x 1958
875 x 2125	791 x 2083
1000 x 2000	916 x 1958
1000 x 2125	916 x 2083
1125 x 2000	1041 x 1958
1125 x 2125	1041 x 2083
1250 x 2000	1166 x 1958
1250 x 2125	1166 x 2083
1250 x 2250	1166 x 2208

Special sizes: From 625 x 1750 mm to 1350 x 2500 mm

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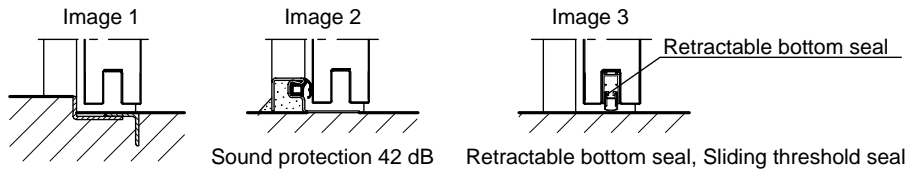
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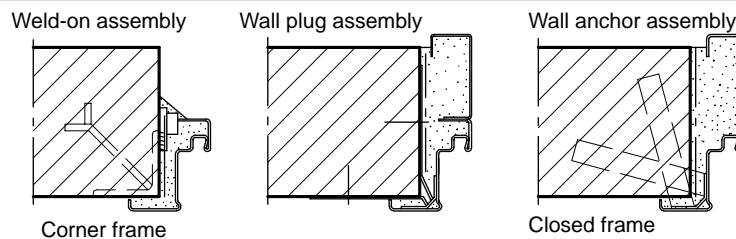
Floor connections:

- Image 1: With bottom buffer
- Image 2: With bottom buffer/seal
- Image 3: With bottom seal (smoke-proof door with top door closer)



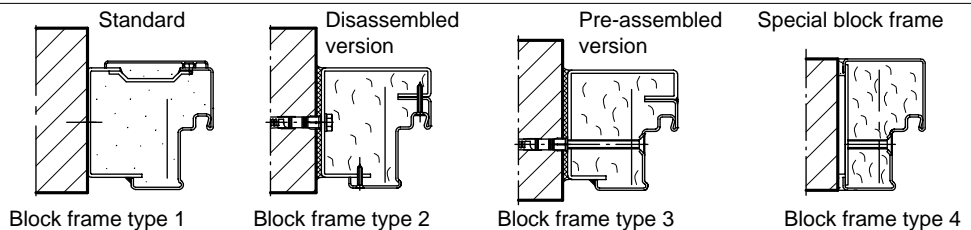
Installation in masonry/ concrete walls

concrete walls ≥ 100 mm
masonry walls ≥ 115 mm



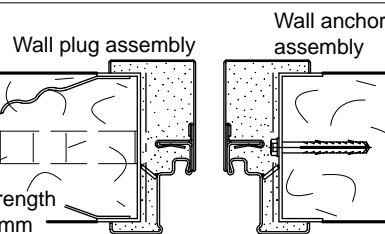
Installation with block frame

Flush installation between concrete walls ≥ 100 mm
masonry walls ≥ 115 mm



Installation in autoclaved aerated concrete walls

Made of autoclaved aerated concrete blocks or high precision units in accordance with DIN 4165 strength class 4 min. 175 mm or made of reinforced autoclaved aerated concrete slabs strength class 4. Wall thickness min. 150 mm



Installation in installation walls

(lightweight construction stud walls) Installation walls F90 in accordance with DIN 4102 Part 4 or in accordance with general building authority test certificate wall thickness min. 100 mm. For permissible walls refer to the Installation details tab.

